

ANALYST:		FACILITY #:	
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Parameter: Total Residual Chlorine Parameter

Method: DPD/FAS Titrimetric

05/04

METHOD OF ANALYSIS:

	18th EDITION OF STANDARD METHODS-4500-CL F
	EPA METHODS FOR CHEMICAL ANALYSIS-330.4

	Y	N
1) If a KI solution is used, is it free of contamination or growths? [Permit]		
2) If a KI solution is used, is it discarded when it turns yellow? [SM-2.e]		
3) Is DPD reagent free of contamination or growths? [Permit]		
4) Is DPD reagent discarded when discolored? [SM-2.b; 330.4-5.2]		
5) Is buffer solution free of contamination or growths? [Permit]		
6) Is FAS titrant standardized when prepared? [SM-2.c; 330.4-5.3]		
7) Is the FAS titrant container dated? [Permit]		
8) Is the FAS titrant kept for a maximum of 1 month? [SM-2.c; 330.4-5.3]		
9) Are reagent volumes measured by pipet, buret, or calibrated medicine dropper? [Permit; 330.4-4.1]		
10) Are 5 mL of buffer solution and 5 mL of DPD reagent mixed in titration flask? [SM-3; 330.4-6.2/3]		
11) Is sample added after buffer solution? [SM-3; 330.4-6]		
12) Is sample volume 100 mL? [SM-3; 330.4-6.5]		
13) Is KI added? [SM-3.a.4; 330.4-6.4]		
14) Is the prepared sample allowed to stand for at least 2 minutes before titration? [SM-3.a.4; 330.4-6.6]		
15) Is sample titrated until the red color first disappears? [SM-1.d; 330.4-6.7]		
16) Is sample value determined correctly? [SM-4; 330.4-7.1]		

PROBLEMS: